

ABSTRACT OF THE DISCLOSURE

Agents and methods for enhancing recombinant virus transduction in the bladder epithelium are described. A first method involves contacting the luminal surface of the bladder with a composition comprising a transduction enhancing agent and an oncolytic virus. Alternatively, the luminal surface of the bladder can be contacted first with a pretreatment composition comprising a transduction enhancing agent and, subsequently, with a composition comprising an oncolytic virus. Bladder treatment compositions comprising a transduction enhancing agent and an oncolytic virus are also described.